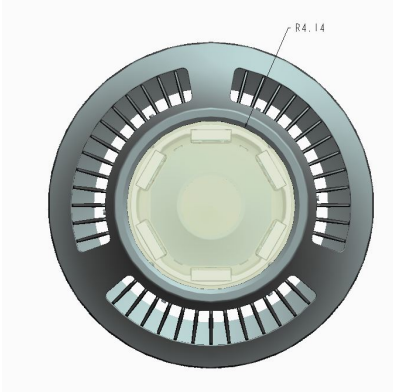
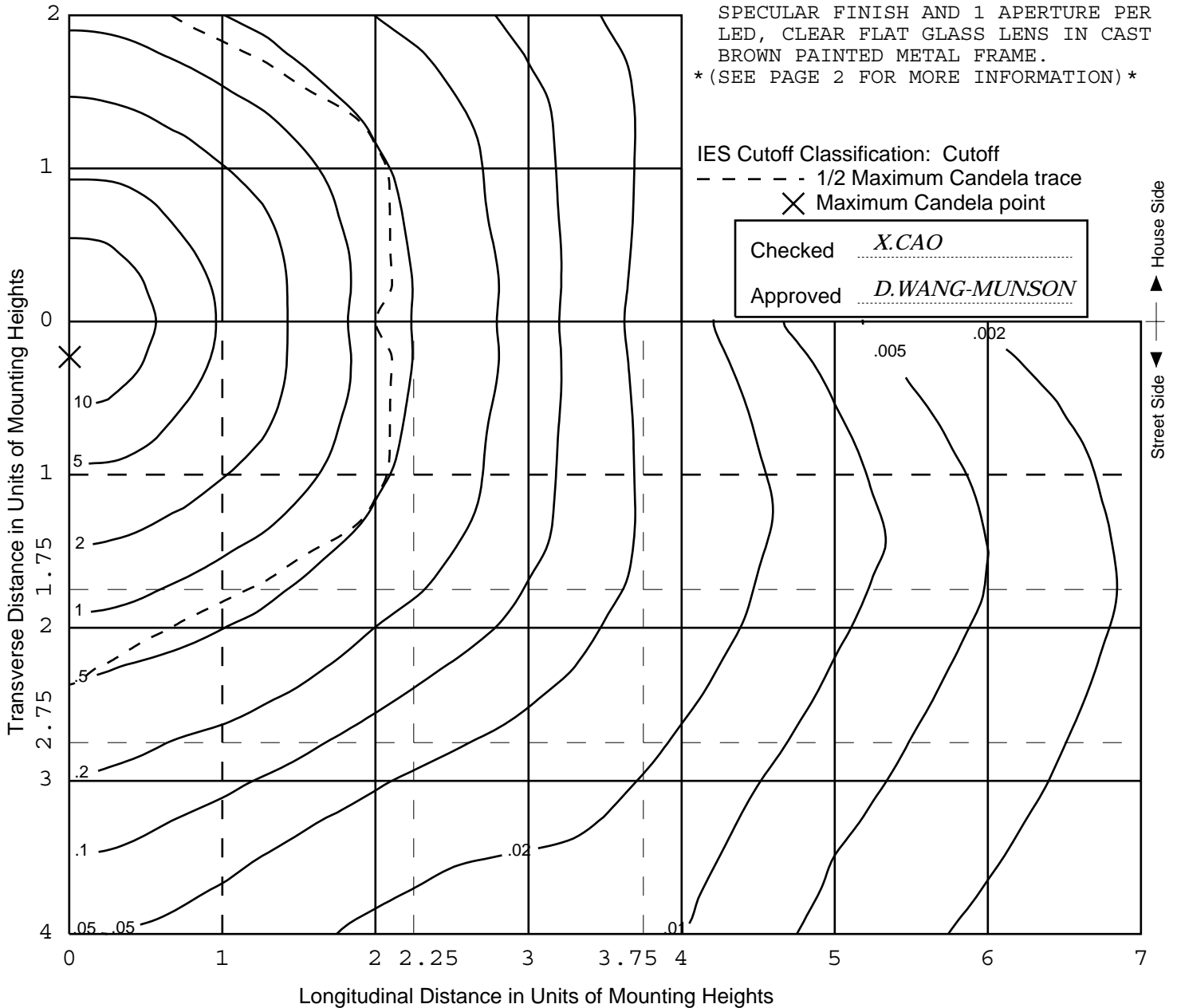


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 12 foot mounting height.



REPORT NUMBER: SCALED FROM RAB00868
 ISSUE DATE: 05/14/15 PAGE: 1 OF 9
 DATE SAMPLE TESTED: 05/12/15
 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: CLED78/D10 or
 PLED78/D10 (w/ center reflector &
 clear flat glass lens - ceiling or
 pendant mount)
 LUMINAIRE: CAST 2-PIECE BROWN PAINTED
 FINNED METAL HOUSING, 6 CAST METAL
 HEAT SINKS/CIRCUIT BOARD MOUNTING
 BRACKETS, 6 CIRCUIT BOARDS EACH WITH
 1 LED AND MOLDED PLASTIC CIRCUIT
 BOARD PERIMETER OVERLAY WITH SPECULAR
 FINISH, MOLDED PLASTIC REFLECTOR WITH
 SPECULAR FINISH AND 1 APERTURE PER
 LED, CLEAR FLAT GLASS LENS IN CAST
 BROWN PAINTED METAL FRAME.
 (SEE PAGE 2 FOR MORE INFORMATION)



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ISSUE DATE: 05/14/15
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PAGE: 2 OF 9
DATE SAMPLE TESTED: 05/12/15

ADDITIONAL INFORMATION

LAMPS: SIX WHITE MULTI-CHIP LIGHT EMITTING DIODES (LEDS), AIMED AT THE HORIZON.

TOTAL INPUT WATTS = 91.5 AT 277.0 VOLTS

LED DRIVERS: TWO RAB RD-X50-042-C1X05-ZA01

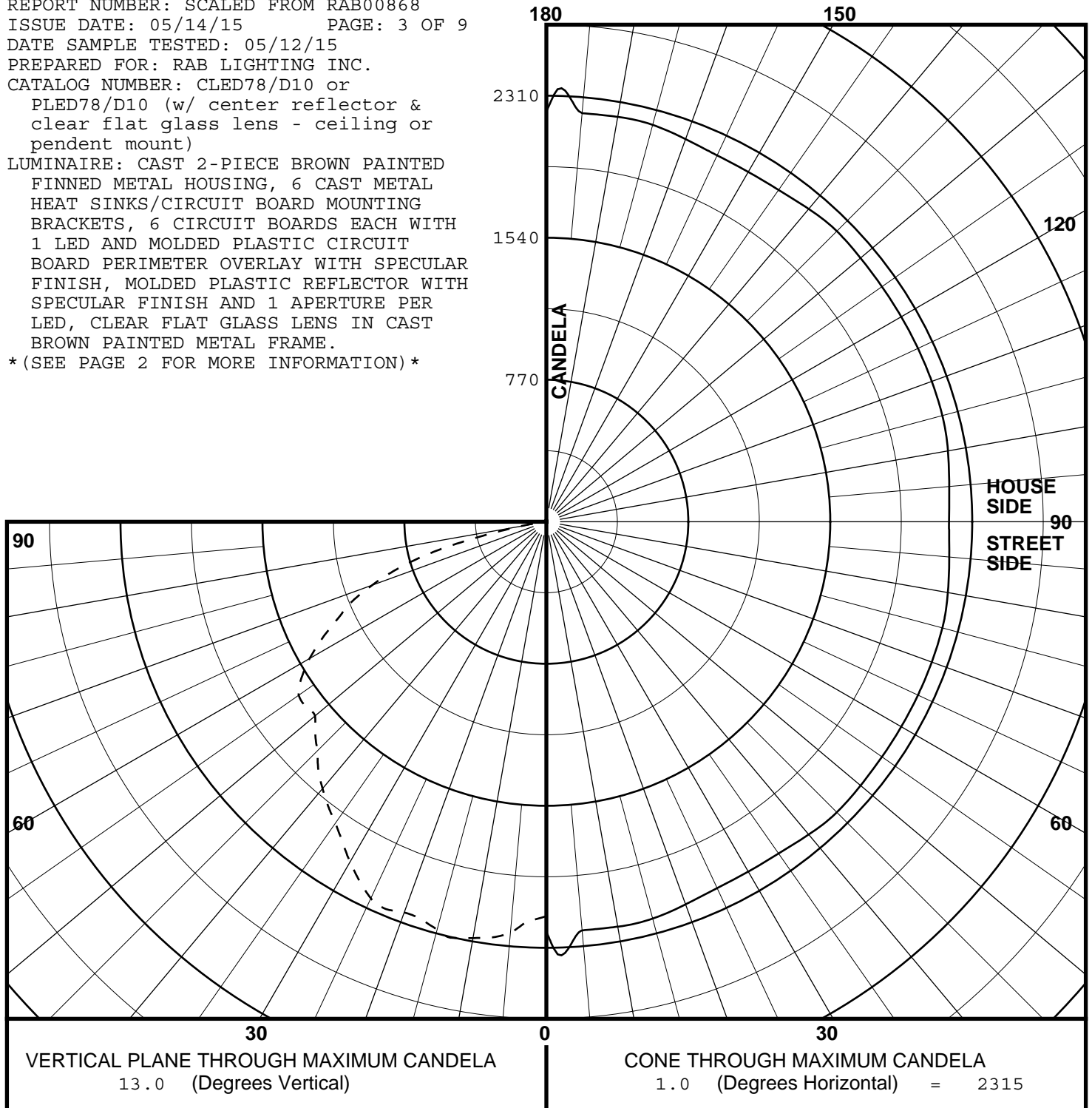
NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED AT RATED INPUT VOLTAGE TO THE LED DRIVERS.

TEST PROCEDURE: IESNA LM-79-08

TEST DISTANCE = 28.25 FEET

MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

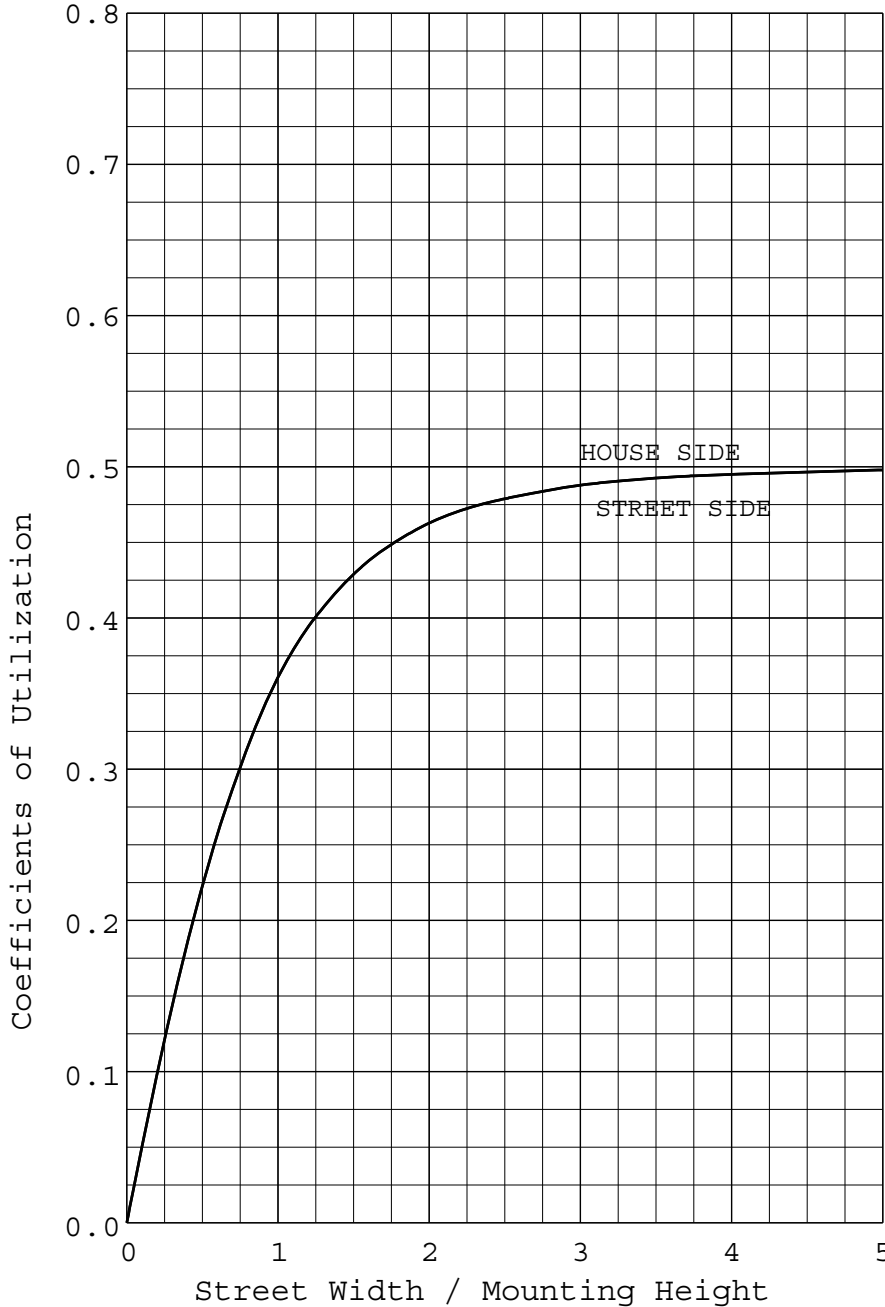
REPORT NUMBER: SCALED FROM RAB00868
 ISSUE DATE: 05/14/15 PAGE: 3 OF 9
 DATE SAMPLE TESTED: 05/12/15
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 CATALOG NUMBER: CLED78/D10 or
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 pendent mount)
 LUMINAIRE: CAST 2-PIECE BROWN PAINTED
 FINNED METAL HOUSING, 6 CAST METAL
 HEAT SINKS/CIRCUIT BOARD MOUNTING
 BRACKETS, 6 CIRCUIT BOARDS EACH WITH
 1 LED AND MOLDED PLASTIC CIRCUIT
 BOARD PERIMETER OVERLAY WITH SPECULAR
 FINISH, MOLDED PLASTIC REFLECTOR WITH
 SPECULAR FINISH AND 1 APERTURE PER
 LED, CLEAR FLAT GLASS LENS IN CAST
 BROWN PAINTED METAL FRAME.
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REPORT NUMBER: SCALED FROM RAB00868
 ISSUE DATE: 05/14/15
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PAGE: 4 OF 9
 DATE SAMPLE TESTED: 05/12/15

COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	3825.	50.0
DOWNWARD HOUSE SIDE	3825.	50.0
DOWNWARD TOTAL	7650.	99.9
UPWARD STREET SIDE	2.	0.0
UPWARD HOUSE SIDE	2.	0.0
UPWARD TOTAL	4.	0.1
TOTAL FLUX	7655.	100.0
TOTAL INPUT WATTS = 91.5		
EFFICACY = 83.7 Lm/W		

ALL CANDELA AND LUMENS IN THIS REPORT ARE BASED ON ABSOLUTE PHOTOMETRY. THE COEFFICIENT OF UTILIZATION VALUES ARE BASED ON THE TOTAL ABSOLUTE LUMEN OUTPUT OF THIS LUMINAIRE SAMPLE.

REPORT NUMBER: SCALED FROM RAB00868
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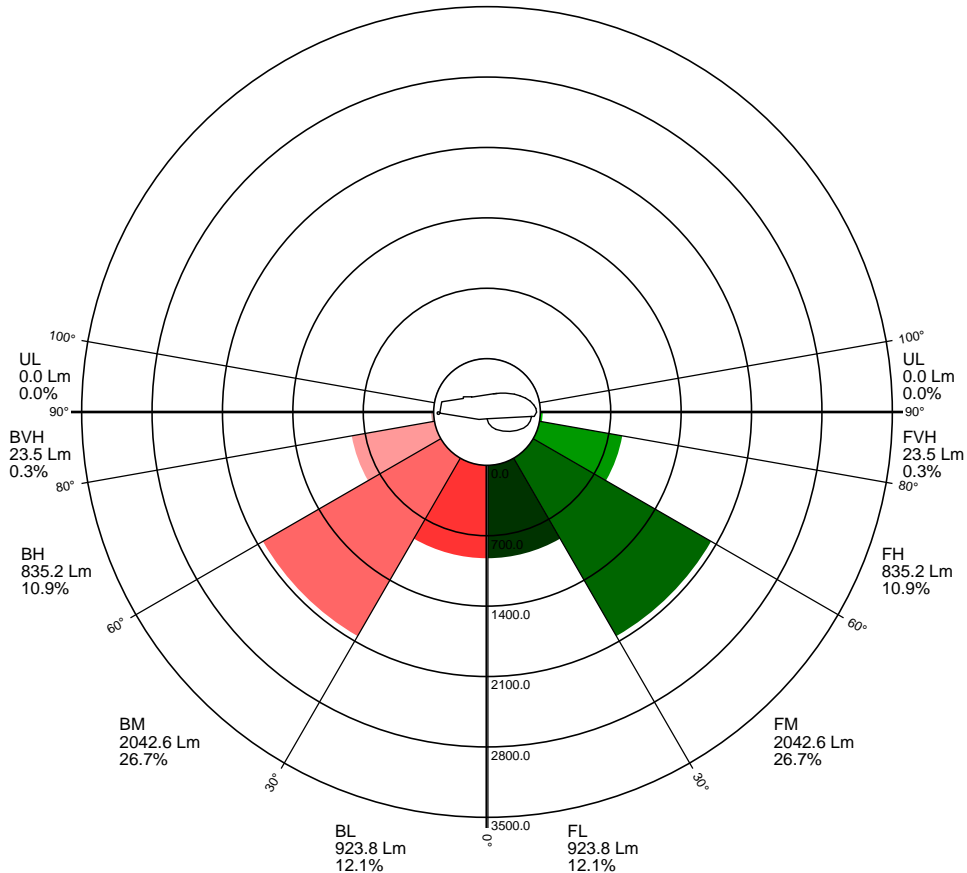
PAGE: 5 OF 9
 DATE SAMPLE TESTED: 05/12/15

BUG Rating:			B2	U1	G1
Zonal Summary		Lumens	% of Fixture		
			Zone Ratings		
			B	U	G
Forward		3825			
FL	(0° - 30°)	923.8			
FM	(30° - 60°)	2042.6			
FH	(60° - 80°)	835.2			G1
FVH	(80° - 90°)	23.5			G1
Backward		3825			
BL	(0° - 30°)	923.8	B2		
BM	(30° - 60°)	2042.6	B2		
BH	(60° - 80°)	835.2	B2		G1
BVH	(80° - 90°)	23.5			G1
Upward		4			
UL	(90° - 100°)	0.0		U1	
UH	(100° - 180°)	4.4		U1	
Trapped Light		0			
Total Flux		7655			

Zonal Lumen Summary

(Linear scale)

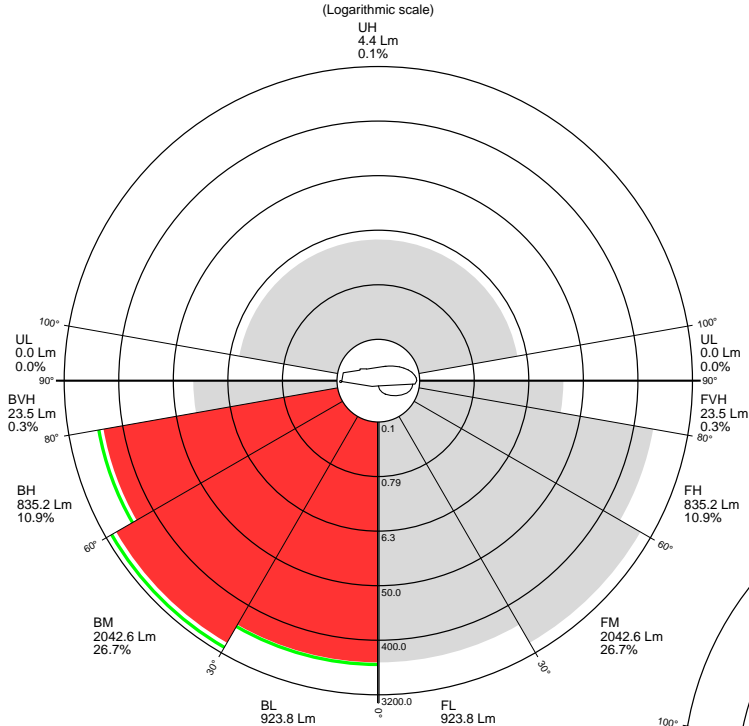
UH
4.4 Lm
0.1%



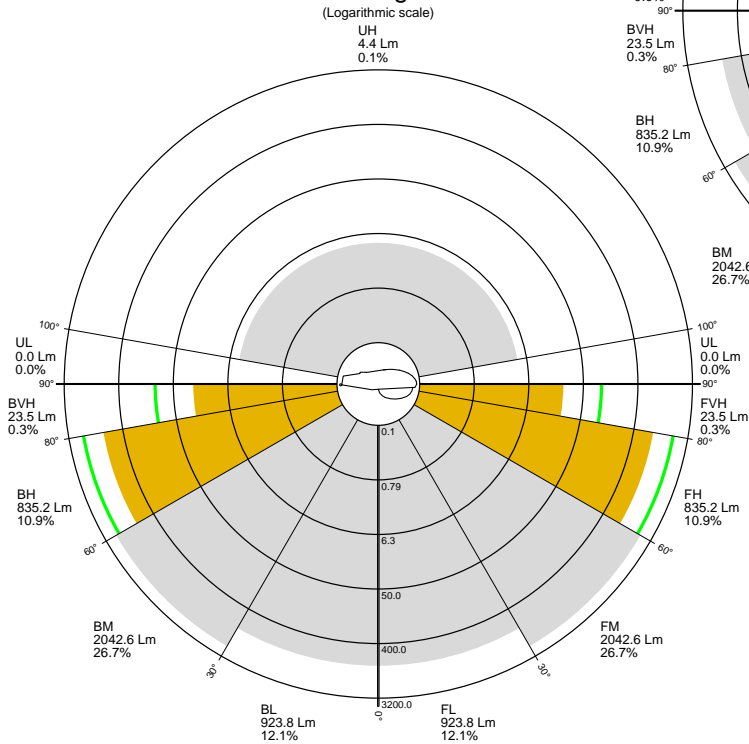
REPORT NUMBER: SCALED FROM RAB00868
 ISSUE DATE: 05/14/15
 PREPARED FOR: RAB LIGHTING INC.

PAGE: 6 OF 9
 DATE SAMPLE TESTED: 05/12/15

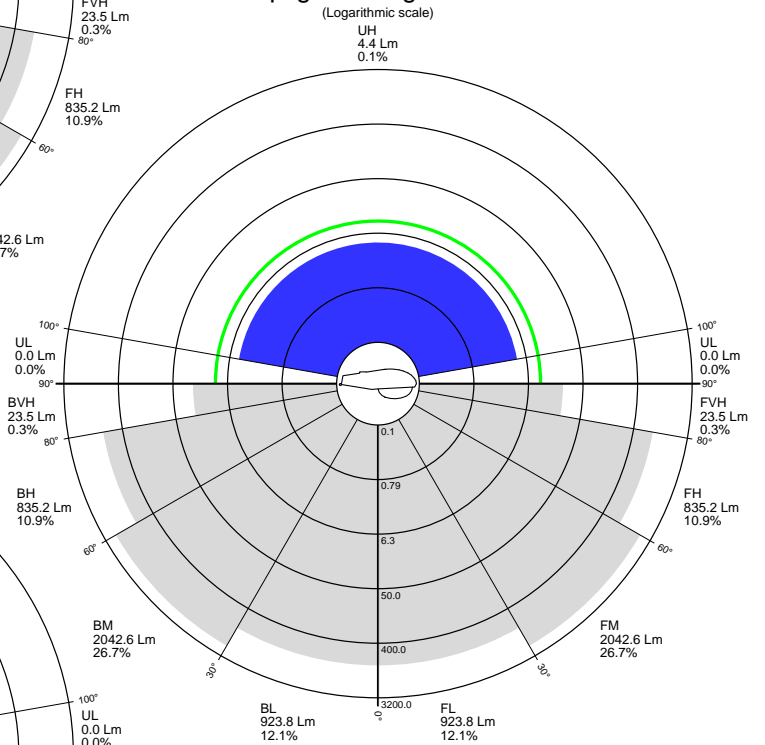
Backlight Rating Details



Glare Rating Details



Uplight Rating Details





REPORT NUMBER: SCALED FROM RAB00868
 ISSUE DATE: 05/14/15
 PREPARED FOR: RAB LIGHTING INC.

PAGE: 7 OF 9
 DATE SAMPLE TESTED: 05/12/15

CANDELA TABULATION

	LATERAL ANGLE										
	0.0	1.0	5.0	15.0	25.0	35.0	45.0	55.0	65.0	75.0	85.0
	180.0	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	175.0	2.	1.	2.	1.	1.	1.	1.	2.	2.	1.
	165.0	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	155.0	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	145.0	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	135.0	1.	0.	1.	1.	0.	1.	1.	1.	1.	1.
	125.0	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	115.0	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	105.0	1.	0.	1.	1.	0.	0.	1.	1.	1.	0.
	95.0	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	90.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	87.5	4.	5.	4.	3.	3.	3.	3.	4.	4.	3.
	85.0	20.	23.	20.	13.	11.	11.	13.	17.	20.	15.
	82.5	59.	62.	63.	72.	50.	39.	63.	65.	72.	67.
V	80.0	161.	150.	210.	250.	128.	114.	269.	209.	217.	245.
E	77.5	326.	365.	375.	352.	218.	228.	349.	382.	397.	360.
R	75.0	579.	639.	573.	441.	362.	364.	457.	574.	584.	447.
T	72.5	802.	846.	748.	615.	564.	572.	629.	750.	754.	621.
I	70.0	984.	1007.	906.	785.	797.	800.	809.	928.	921.	801.
C	67.5	1144.	1150.	1072.	950.	979.	989.	983.	1100.	1091.	977.
A	65.0	1258.	1251.	1235.	1136.	1117.	1138.	1167.	1269.	1264.	1166.
L	62.5	1387.	1372.	1394.	1320.	1244.	1271.	1347.	1426.	1419.	1349.
	60.0	1495.	1484.	1511.	1447.	1353.	1366.	1471.	1548.	1537.	1486.
A	57.5	1565.	1575.	1574.	1514.	1430.	1441.	1529.	1604.	1602.	1543.
N	55.0	1625.	1640.	1623.	1523.	1508.	1518.	1536.	1641.	1648.	1547.
G	52.5	1625.	1646.	1609.	1541.	1582.	1593.	1557.	1630.	1638.	1565.
L	50.0	1628.	1638.	1620.	1618.	1653.	1657.	1632.	1637.	1647.	1641.
E	47.5	1685.	1701.	1683.	1705.	1742.	1744.	1711.	1698.	1710.	1721.
	45.0	1736.	1759.	1747.	1798.	1834.	1839.	1798.	1762.	1775.	1812.
	42.5	1802.	1831.	1823.	1895.	1920.	1922.	1892.	1837.	1845.	1905.
	40.0	1858.	1890.	1880.	1974.	2004.	2002.	1972.	1898.	1902.	1985.
	37.5	1910.	1944.	1930.	2043.	2078.	2081.	2047.	1957.	1958.	2054.
	35.0	1960.	1995.	1983.	2090.	2138.	2143.	2103.	2008.	2017.	2107.
	30.0	2072.	2131.	2088.	2158.	2189.	2205.	2181.	2122.	2126.	2183.
	25.0	2185.	2254.	2174.	2181.	2187.	2196.	2203.	2200.	2198.	2204.
	20.0	2188.	2255.	2198.	2205.	2162.	2170.	2214.	2207.	2205.	2214.
	15.0	2202.	2290.	2204.	2218.	2201.	2203.	2220.	2201.	2202.	2218.
	13.0<<	2225.	2315.	2225.	2229.	2193.	2197.	2229.	2223.	2225.	2225.
	10.0	2225.	2293.	2224.	2218.	2186.	2188.	2220.	2223.	2223.	2212.
	5.0	2209.	2237.	2209.	2207.	2195.	2196.	2203.	2205.	2204.	2201.
	0.0	2140.	2140.	2140.	2140.	2140.	2140.	2140.	2140.	2140.	2140.

PLANE OF MAXIMUM CANDELA

CONE OF MAXIMUM CANDELA



REPORT NUMBER: SCALED FROM RAB00868
 ISSUE DATE: 05/14/15
 PREPARED FOR: RAB LIGHTING INC.

PAGE: 8 OF 9
 DATE SAMPLE TESTED: 05/12/15

CANDELA TABULATION
 HOUSE SIDE

LATERAL ANGLE

	90.0	95.0	105.0	115.0	125.0	135.0	145.0	155.0	165.0	175.0	180.0
	180.0	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	175.0	1.	1.	1.	2.	2.	1.	1.	1.	2.	2.
	165.0	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	155.0	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	145.0	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	135.0	1.	1.	1.	1.	1.	1.	0.	1.	1.	1.
	125.0	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	115.0	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	105.0	0.	0.	0.	1.	1.	1.	0.	0.	1.	1.
	95.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.
	90.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	87.5	3.	3.	3.	4.	4.	3.	3.	3.	4.	4.
	85.0	10.	11.	15.	20.	17.	13.	11.	11.	13.	20.
	82.5	22.	43.	67.	72.	65.	63.	39.	50.	72.	63.
V	80.0	65.	121.	245.	217.	209.	269.	114.	128.	250.	210.
E	77.5	171.	240.	360.	397.	382.	349.	228.	218.	352.	375.
R	75.0	341.	365.	447.	584.	574.	457.	364.	362.	441.	573.
T	72.5	545.	570.	621.	754.	750.	629.	572.	564.	615.	748.
I	70.0	769.	801.	801.	921.	928.	809.	800.	797.	785.	906.
C	67.5	967.	993.	977.	1091.	1100.	983.	989.	979.	950.	1072.
A	65.0	1097.	1141.	1166.	1264.	1269.	1167.	1138.	1117.	1136.	1235.
L	62.5	1195.	1266.	1349.	1419.	1426.	1347.	1271.	1244.	1320.	1394.
	60.0	1321.	1369.	1486.	1537.	1548.	1471.	1366.	1353.	1447.	1511.
A	57.5	1407.	1444.	1543.	1602.	1604.	1529.	1441.	1430.	1514.	1574.
N	55.0	1465.	1514.	1547.	1648.	1641.	1536.	1518.	1508.	1523.	1623.
G	52.5	1554.	1584.	1565.	1638.	1630.	1557.	1593.	1582.	1541.	1609.
L	50.0	1661.	1660.	1641.	1647.	1637.	1632.	1657.	1653.	1618.	1620.
E	47.5	1747.	1751.	1721.	1710.	1698.	1711.	1744.	1742.	1705.	1683.
	45.0	1838.	1839.	1812.	1775.	1762.	1798.	1839.	1834.	1798.	1747.
	42.5	1943.	1927.	1905.	1845.	1837.	1892.	1922.	1920.	1895.	1823.
	40.0	2016.	2009.	1985.	1902.	1898.	1972.	2002.	2004.	1974.	1880.
	37.5	2087.	2084.	2054.	1958.	1957.	2047.	2081.	2078.	2043.	1930.
	35.0	2149.	2149.	2107.	2017.	2008.	2103.	2143.	2138.	2090.	1983.
	30.0	2208.	2207.	2183.	2126.	2122.	2181.	2205.	2189.	2158.	2088.
	25.0	2190.	2197.	2204.	2198.	2200.	2203.	2196.	2187.	2181.	2174.
	20.0	2149.	2167.	2214.	2205.	2207.	2214.	2170.	2162.	2205.	2198.
	15.0	2186.	2200.	2218.	2202.	2201.	2220.	2203.	2201.	2218.	2204.
	13.0<<	2185.	2195.	2225.	2225.	2223.	2229.	2197.	2193.	2229.	2225.
	10.0	2176.	2182.	2212.	2223.	2223.	2220.	2188.	2186.	2218.	2224.
	5.0	2193.	2191.	2201.	2204.	2205.	2203.	2196.	2195.	2207.	2209.
	0.0	2140.	2140.	2140.	2140.	2140.	2140.	2140.	2140.	2140.	2140.

CONE OF MAXIMUM CANDELA

REPORT NUMBER: SCALED FROM RAB00868
ISSUE DATE: 05/14/15
PREPARED FOR: RAB LIGHTING INC.

PAGE: 9 OF 9
DATE SAMPLE TESTED: 05/12/15

5-DEGREE
ZONAL LUMEN SUMMARY

0- 5	52
5- 10	158
10- 15	263
15- 20	362
20- 25	461
25- 30	552
30- 35	626
35- 40	675
40- 45	697
45- 50	695
50- 55	694
55- 60	699
60- 65	644
65- 70	513
70- 75	340
75- 80	173
80- 85	44
85- 90	3
90- 95	0
95-100	0
100-105	0
105-110	0
110-115	0
115-120	0
120-125	0
125-130	0
130-135	0
135-140	0
140-145	0
145-150	0
150-155	0
155-160	0
160-165	0
165-170	0
170-175	0
175-180	0

10-DEGREE
ZONAL LUMEN SUMMARY

0- 10	210
0- 20	835
0- 30	1848
0- 40	3148
0- 50	4540
0- 60	5933
0- 70	7090
0- 80	7603
0- 90	7650
0-100	7650
0-110	7651
0-120	7651
0-130	7652
0-140	7653
0-150	7654
0-160	7654
0-170	7654
0-180	7655